

NDB LIST CLE No. 307

320 - 334,9 kHz

23.08.2024 - 26.08.2024

**COMBINED RESULTS**  
**EUROPE**

For overall statistics, please see the covering email.

**Reporters:**

<b>CZE</b>	my	Milos Holy, Lhota pod Radcem
<b>CZE</b>	ze	Zdenek Elias, via Kiwi-SDR at 'Slatina, West Bohemia', CZE (rCZEsl / JN69gw)
<b>DEU</b>	hw	Hartmut Wolff, Near Wolfsburg
<b>DEU</b>	je	Joachim Rabe, Norderstedt, north of Hamburg
<b>ENG</b>	bk	Brian Keyte, Bookham, Surrey
<b>ENG</b>	jms	John Mills, Chelmsford, Essex
<b>ENG</b>	mhm	Mark Hattam, St Just in Penwith
<b>ENG</b>	nw	Noel Waddoup, Clacton
<b>ENG</b>	px	Peter Greateorex, Bolsover, Derbyshire
<b>FRA</b>	vl	Vincent Lecler, Near Poitiers
<b>HOL</b>	prk	Peter Reuderink, Woerden
<b>HOL</b>	rb	Roelof Bakker, Middelburg, Zeeland
<b>ITA</b>	ado	Andrea Dalbagno, Gazzadina
<b>ITA</b>	s4	Stefano Paolini, while at at San Giovanni
<b>ITA</b>	wb	William G Buchanan, Alessandria
<b>NIR</b>	ry	Robert Connolly, Kilkeel
<b>SCT</b>	ds	David Atkins, Tighnabruaich, Argyll

For full details, please see the individual reporters' logs,  
as previously posted by them to the List.  
If you spot an omission or problem in your own details below  
please let us know ( [ndbcle@ndblist.info](mailto:ndbcle@ndblist.info) )

# BEACONS HEARD

Beacons are shown in kHz order within each country

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

(e.g. 01 indicates logged between 01:00-01:59 UTC).

Cou, S/P	QRG	ID	Name	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	FRA vl	HOL prk	HOL rb	ITA ado	ITA s4	ITA wb	NIR ry	SCT ds
ALG	320.0	BBS	Beni Abbes										03							
ALG	331.0	HRM	Hassi R.Mel / Tilrempt / Oued Irarra			01					00		02							
AUT	320.0	RUM	Innsbruck / Rum	20	19	22					22		03		20	22	20	23		00
AZR	331.0	SC	Santa Cruz Das Flores			00					00		21		20				00	
CAN, NU	329.0	YEK	Arviat												03					
CAN, NU	332.0	YTE	Cape Dorset								03				03					
DEU	320.0	HA	Hannover / East	01	19	18	23		22		13	20		22	20				00	22
DEU	325.0	DP	Diepholz				05				05									
DEU	330.0	ABU	Altenburg / Nobitz	12	19	18	21		22		22	21		22	20				00	22
DNK	321.0	VO	Vojens / Skrydstrup	20		18	01		22		13			21	20					22
DNK	328.0	VJ	Stauning	19		23	22		22		13	21		21	20				00	22
DNK	334.0	FAU	Bornholm / Ronne / Fauna		20	19	22		22		22			21	20	22				22
ENG	321.0	STM	Scilly Isles / St Mary	01		23	22			20	22				20				00	22
ENG	323.0	SBL	Sherburn-In-Elmet			00			22		00	14								
ENG	328.0	BLK	Blackbushe	01		01		12	22		13	15			20					22
ENG	331.0	GST	Gloucester	00		20	01	12	22		13	14		22	20				00	22
ENG	332.0	SHM	Shoreham	02		20		12	08		13	15		22	20					22
ENG	332.5	CAM	Cambridge			19	02	12	22		13	14		21	20				00	12
ESP	325.0	AST	Asturias	20		23	03		22		00	20	11	04	20				00	22
ESP	327.0	EEC	Sevilla / El Copero						22		00		23		20				00	22
ESP	328.0	HIG	San Sebastian	20	20	23	03				00		11		20				00	22
ESP	330.0	G	Gerona / Costa Brava			00							00					01		
ESP	332.0	EAL	Almagro			19	04		22		00		22	23	20				00	22
FIN	328.0	KIT	Kittila			20	20		22		22				20					
FRA	320.0	TY	Troyes / Barberey	20	00	18	20	12			13	15	18	20	20	22			00	22
FRA	321.0	ABY	Albert / Bray	20		23	01	12	22		13	14		23	20				00	22
FRA	321.0	TL	Tarbes / Ossun / Lourdes		20	23	02		22		00		11		20				01	
FRA	322.0	ORS	Orleans / St Denis De L"Hotel	01		19			22		13			03	20					22
FRA	322.0	RL	La Rochelle / Ile De Re	01	20	19	21				22		11	03	20				00	22
FRA	322.0	TLN	Hyerres / Le Palyvestre	20	19	18	22		22		22	20	19	21	20	22		20	00	22
FRA	327.0	MVC	Merville / Calonne	20	20	18	02	12	22		13	14	18	20	20				00	12
FRA	330.0	MB	Montbeliard / Courcelles			19	01		22		22				20	22			00	22
FRA	332.0	TLF	Toulouse / Franczal	21	19	19	22		22		00		11	21	20	22		01	00	22
FRA	334.0	DX	Dax / Seyresse	20	21	19			22		00		11	22	20				01	
FRA	334.0	SAL	Salon De Provence			21												22		
FRA	334.0	YN	La Roche Sur Yon											23						

HNG	326.0	C	Debrecen	20	20	01			22		02				03			01	
HRV	325.0	VG	Zagreb / Pleso / Velika Gorica	20	21	18	21		22		22				22	20		00	00
HRV	330.0	ZRA	Zadar / Kakman	01	21	18	21		22		22				03	20	22	20	01
IRL	334.0	GMN	Gormanston	01		20	02	23	22		02	13	14		23	20			00
IRL	334.0	KER	Kerry / Farranfore			23					02	22							
IRN	321.0	ZAJ	Zanjan			20						22				20			
IRN	332.0	RSR	Ramsar			23													
ISL	330.0	HN	Hornafjordur			22	00		22			22			22	20			00
ISL	330.0	RF	Rif													03			00
JSY	329.0	JW	Jersey	00		19	03	12	22		21	13	15	11	21	20			00
LBY	330.0	OA	Samah / Warehouse 59			01													
MNE	332.0	RO	Tivat			19			22			00				03			
NIR	328.5	EGT	Londonderry / Eglinton	01		23	02		22			13	14	22	23	20			00
NOR	324.0	HE	Notodden / Heddal		01	23	02					00							01
NOR	324.0	MS	Mosjoen			23													00
NOR	329.0	NMS	Namsos	21		23	00		22			22			20	20			00
POL	322.0	NG	Powidz	01		18	19					20			20	20			01
RSE	325.0	GK	Surgut			22													
RUS	320.0	DM	Moscow / Domodedovo	00		23	00					22							
RUS	324.0	RF	Ladozhskaya	23															
RUS	326.0	PU	St Petersburg / Pulkovo	01		23	23		22			22			22	20			00
RUS	330.0	NZ	Ust-Labinsk			19													01
RUS	330.0	PM	Pechora			20	21		22			22				20			
RUS	334.0	K	Arkhangelsk / Talagi			22													
SAR	331.0	DEC	Decimomannu (CA)	21															22
SCT	328.0	IVR	Inverness			20	03					00	21	03		20			01
SCT	331.0	GLW	Glasgow			20	03					22	22			20			00
SRB	320.0	DU	Batajnica			23	00					22							
SRB	330.0	ML	Kraljevo	21	21	19	21		22			22				20			22
SVK	330.0	OB	Bratislava / M.R Stefanik / South	12	19	18	21		22			22	21		20	20	22		21
SVN	334.0	MR	Maribor	21	19	18	22		22			22		01	23	20	22		21
SWE	320.0	OL	Lycksele			23	20					22			00	20			01
SWE	322.0	OD	Ornskoldsvik			23	20					22			00	20			00
SWE	324.0	ON	Norrkoping	20	19	23	21	22	22			22	21		22	20			00
SWE	325.0	NUT	Hemavan			23						22				20			01
SWE	325.0	PG	Trollhattan / Vanersborg	20	19	18	23	22	22			22	21		21	20			00
SWE	326.0	KG	Kramfors / Bjartra			23						00							01
SWE	328.0	DK	Vilhemina			23	02		22			00			22	20			00
SWE	329.0	VX	Vaxjo / Kronoberg	20	19	19	00	22	22			22			19	20			00
SWE	329.0	WU	Umea			19	19		22			22			21	20			00
SWE	330.0	LNA	Lena													20			
SWE	330.0	SKS	Karlstad	19	21	19	21		22			22	21		21	20			00
SWE	333.0	LE	Vasteraas / Hasslo	21	19	18	22	23	22			22	22		21	20			00



RUS	Russia (European)	3		5	3		2	3			1	2			2	1	6		
SAR	Sardinia	1														1	1		
SCT	Scotland			2	2			2	2	1		2			2	2	2		
SRB	Serbia (Yugoslavia)	1	1	2	2		1	2				1				1	2		
SVK	Slovakia	1	1	1	1		1	1	1		1	1	1		1	1	1		
SVN	Slovenia	1	1	1	1		1	1		1	1	1	1		1	1	1		
SWE	Sweden	5	5	11	9	4	7	11	4		9	11			11	10	12		
TKM	Turkmenistan			1													1		
TRD	Trinidad & Tobago									1							1		
TUR	Turkey			2												1	2		
UKR	Ukraine	1		3	1			1									3		
WLS	Wales			1	1	1	1	1	1			1			1	1	1		
XOE	Int Waters: Europe			1	1												1		
XUF	UNID (Africa?)			1				1									1		
XUU	UNID (No idea where)							1		1							1		
Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	FRA vl	HOL prk	HOL rb	ITA ado	ITA s4	ITA wb	NIR ry	SCT ds	Total

**LISTENING TIMES:**

This table shows the number of NDBs logged by each reporter during the time periods.

[illegible]

18:00 - 18:59			13							2							
19:00 - 19:59	2	11	17	2						1	1						
20:00 - 20:59	14	6	11	4			1	3	3		5	55		1	2		
21:00 - 21:59	6	5	3	10			1		7	1	11				2		
22:00 - 22:59			4	7	3	43		31	2	2	10		9		1		41
23:00 - 23:59	1		22	3	3					1	6				1		
UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	FRA vl	HOL prk	HOL rb	ITA ado	ITA s4	ITA wb	NIR ry	SCT ds
NDBs:	40	24	78	51	14	44	4	68	24	22	39	60	9	1	9	48	51

### NDB COUNTS, BY FREQUENCY:

The number of NDBs logged by each reporter on each frequency and the number logged by all on each frequency, ignoring offsets:

NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	FRA vl	HOL prk	HOL rb	ITA ado	ITA s4	ITA wb	NIR ry	SCT ds	NDBs
8	320.0	4	3	6	5	1	1		7	2	4	3	4	2	1	1	3	4	8
7	321.0	3	1	7	4	1	3	1	5	1	1	2	5				3	3	7
6	322.0	4	2	6	4		2		5	1	2	5	5	1		1	4	3	6
3	323.0			2	1	1	2		2	2	1		1				1	1	3
5	324.0	2	2	4	2	1	1		2	1		1	1				2	2	5
7	325.0	3	2	6	4	1	3		5	2	1	3	4			1	4	5	7
4	326.0	3	1	4	2		2		4			1	2				3	2	4
2	327.0	1	1	1	1	1	2		2	1	2	1	2				2	2	2
6	328.0	3	1	6	5	1	4		6	3	2	2	6				4	5	6
1	328.5	1		1	1		1		1	1	1	1	1				1	1	1
5	329.0	3	1	4	4		4	1	4	1	1	4	5				4	4	5
14	330.0	5	5	12	8		8		9	3	1	5	10	3		3	7	8	14
5	331.0	2		4	2	1	1		4	2	2	1	3				3	3	5
6	332.0	2	1	5	2	1	4		5	1	2	3	5	1		1	2	3	6
1	332.5			1	1	1	1		1	1		1	1				1	1	1
2	333.0	1	1	2	2	1	1		1	1		1	1				1	1	2
8	334.0	3	3	7	3	1	4	2	5	1	2	5	4	2		2	3	3	8
NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG mhm	ENG nw	ENG px	FRA vl	HOL prk	HOL rb	ITA ado	ITA s4	ITA wb	NIR ry	SCT ds	NDBs

**MOB:** The following NDBs were heard by one reporter only - 'Mine Only Beacons' !  
(Occasionally an entry may be the result of an incorrectly received ident)

QRG	ID	Name	S/P	ITU	Rptr	UTC
321.0	U	Kirovskoye		UKR	hw	2015
321.0	W	Kirovskoye		UKR	hw	2310
322.0	RP	Dashoguz		TKM	hw	2015
324.0	KFK	Afyon		TUR	hw	0055
324.0	MS	Mosjoen		NOR	hw	2339
325.0	GK	Surgut		RSE	hw	2230
330.0	OA	Samah / Warehouse 59		LBY	hw	0104
332.0	RSR	Ramsar		IRN	hw	2315
334.0	K	Arkhangelsk / Talagi		RUS	hw	2210
324.0	RF	Ladozhskaya		RUS	my	2348
334.0	YN	La Roche Sur Yon		FRA	prk	2340
329.0	YEK	Arviat	NU	CAN	rb	0343
330.0	LNA	Lena		SWE	rb	2023
320.0	BBS	Beni Abbes		ALG	vl	0321
323.0	TAB	Crown Point		TRD	vl	0451

# FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN	CLE293	320-334,9 kHz	23.06.2023 - 26.06.2023
NOW	CLE307	320-334,9 kHz	23.08.2024 - 26.08.2024

Listener	Av km		Total km x 1000		NDBs		Max km	
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
CZE my	902	1008	33	40	37	40	2028	2028
DEU hw	1155	1354	84	104	73	78	3493	3832
DEU je	858	1029	34	52	40	51	1951	2870
ENG bk	394	524	5	7	12	14	1275	1420
ENG mhm	907	268	16	1	18	4	1710	396
ENG px	611	649	15	16	24	24	1427	1427
HOL rb	866	1264	44	76	51	60	2999	5558
ITA ado	625	528	9	5	15	9	1022	1022
SCT ds	1038	1249	36	64	35	51	2652	3412
Averages:	817	875	31	41	34	37	2062	2441
% Increase:		7		32		9		18

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000 THEN	1000 NOW	THEN	NOW	THEN	NOW
CZE ze		805		19		24		1313
ENG jms		1059		47		44		3480
ENG nw		1227		81		68		4474
FRA vl		1130		24		22		6912
HOL prk		924		36		39		1784
ITA s4		155		0		1		155
ITA wb		511		5		9		748
NIR ry		1301		62		48		3381
<b>Averages:</b>		<b>889</b>		<b>34</b>		<b>32</b>		<b>2781</b>
<b>% Increase:</b>								

Av. km = Average distance from listener to NDB for all their loggings  
Total km = Sum of distances from listener to NDBs for all their loggings  
NDBs = Number of NDBs logged  
Max km = Maximum distance from listener to an NDB logged  
(UNIDs are not included)

Explanation:

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aerials, etc. Many of our CLEs re-use the same narrow range of frequencies after a year or so. This can provide each of us with an excellent way of measuring our personal progress by comparing our results THEN with our corresponding results NOW.

The upper table shows statistics for listeners who took part in both the events. The bottom lines compare the general conditions found during the two events.

Each listener's own results also depend, of course, on many other things, such as changes in receivers or aerials, time available for listening, use of recording equipment and maybe a move of QTH, as well as progress made through listening practice.

Comparing the results between individual listeners is not very meaningful - we each have so many unavoidable things that affect our ability to hear NDBs; where we and they happen to be, whether we are in a city or in wide open spaces or by the sea, our spending limit, how long we are able to devote to listening, etc. Another reason for differences is the use of software which can analyze audio or IQ data allowing us to "see" the NDB idents as opposed to hearing them!



